

**Patent**

Unexamined patent application  
JP2008-138916A

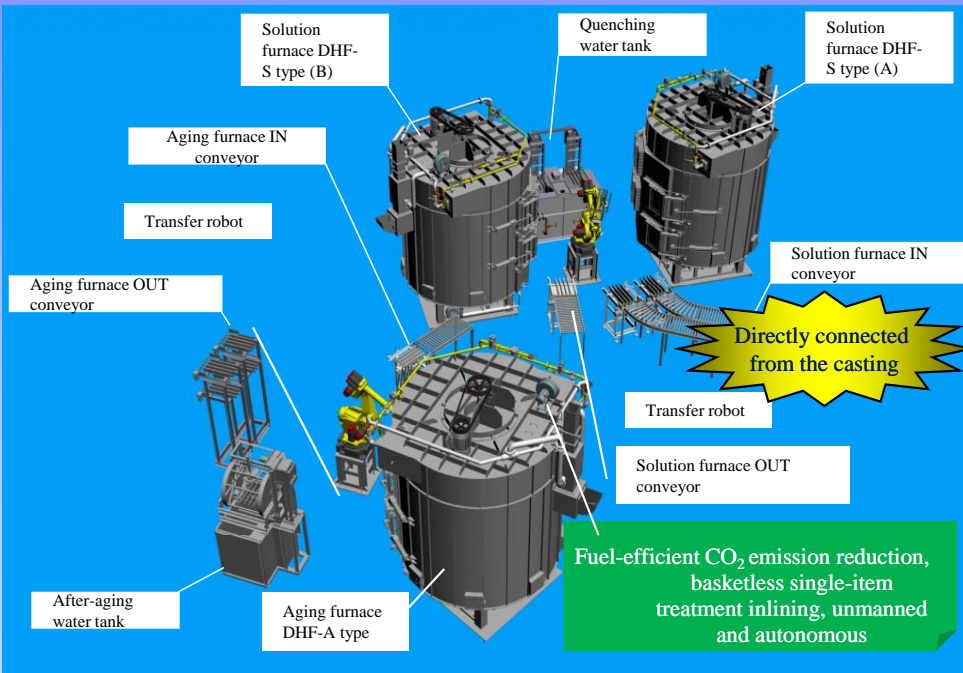
# Aluminum cast / forge wheel Basketless heat treat furnace

From casting, heat treatment, processing to coating, complete inlining with one-stop treatment!

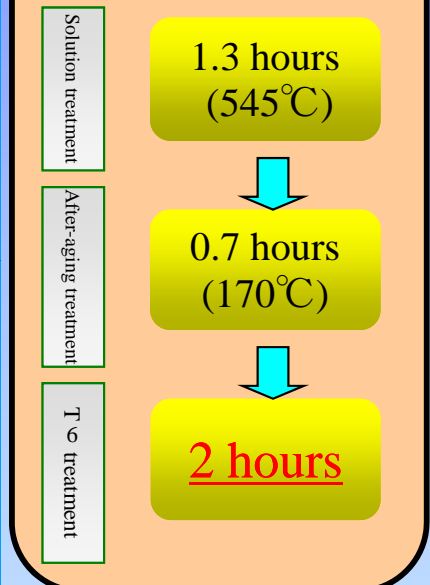


### Specification

Material: Cast AC4CH(A356)  
Forge A6061, A6151  
Process material: Road wheels  
Unit weight: MAX. 40kg  
Processing capacity: 2400kg/h  
Heat source: L.P.G. or L.N.G.  
S furnace: DHF-S type (cast: 2, forge: 1)  
A furnace: DHF-A type (cast: 1, forge: 2)  
Number of quenching water tanks: 2  
Number of after-aging water tanks: 1  
Number of after-aging water tanks: 1  
Number of other conveyors: 1



### Example of time shortening (cast)



## Features

- 1) Circulating hot air technology --- Reduction in temperature variation in furnace -> Consistent quality ensured!
- 2) Saves time --- saves space and running cost, reduces lead time!
- 3) Unmanned autonomous operation --- Labor costs slashed, eliminates need for supplies such as tray, basket, etc.!

Single-item process furnaces for cylinder heads, engine blocks, suspension parts, compressor parts and so on are also available, please contact us.



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